

FIG. 1
transformer 10

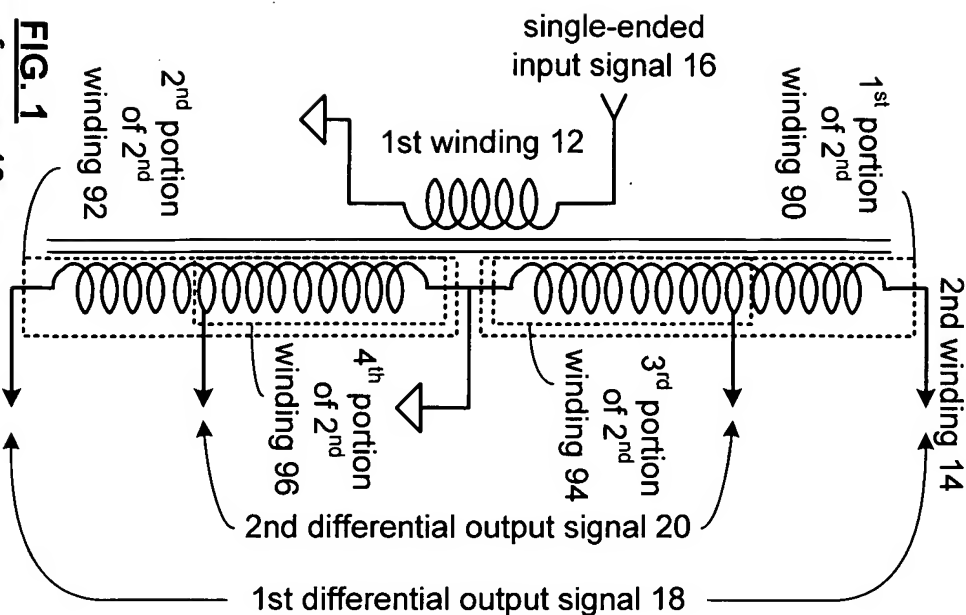
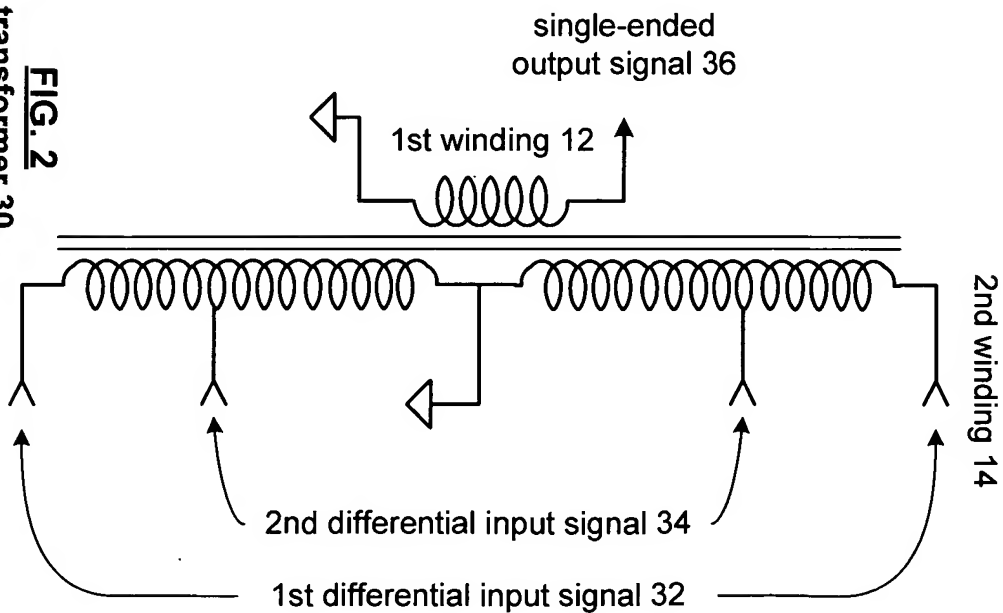
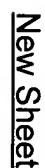


FIG. 2
transformer 30





The diagram shows a transformer with a primary winding (12) connected to a single-ended input signal 16. The primary winding is centered on a magnetic core. The secondary side consists of a 2nd winding (14) with a center tap (40). The 2nd winding is divided into six portions: 1st (90), 2nd (94), 3rd (96), 4th (96), 5th (150), and 6th (152). The 1st and 2nd portions are connected to the 1st differential output signal 18. The 3rd and 4th portions are connected to the 2nd differential output signal 20. The 5th and 6th portions are connected to the 3rd differential output signal 122. The center tap (40) is connected to ground.